

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

January 31, 2012

To: ADA Michael Pirrello

From: Nicole E. Medina

RE: Commonwealth vs. [REDACTED]

Dear ADA Pirrello,

Enclosed you will find copies of the following documents that you requested regarding Drug Lab number [REDACTED]

1. Drug Analysis Laboratory Receipt.
2. Evidence Control card with analytical results.
3. Analysis sheet with chemist's hand notations and test results.
4. GC analytical data.
5. GC/Mass Spectral analytical data.

I was the primary custodial chemist for Lab # [REDACTED] and Annie Dookhan was the GC/MS confirmatory chemist. Should you have any questions please do not hesitate to call me at 617-983-6630.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicole E. Medina".

Nicole E. Medina
Chemist II
Drug Analysis Laboratory

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug
Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug
Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Hours
9:00 – 12:00
1:00 – 4:00

DRUG RECEIPT

City or Department: MEDWAY Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Sergeant Wm. Karpis

Defendant(s) Name (last, first, initial)

[REDACTED]

Description of Samples

To be completed by Lab Personnel
Gross Weight Lab Number

1 TM CAN w/ Brown Substance

9.70 gm

[REDACTED]

Received by:

AD

Date:

2.28.11

No. [REDACTED]
City: Medway Police Dept.
Officer: Sergeant WM. KINGSBURY
Def: [REDACTED]

Date Analyzed: 06-08-11

Amount:

Subst: ^{res}~~SUB~~

No. Cont: 1 Cont: can

Date Rec'd: 03/30/2011

No. Analyzed:

Gross Wt.: 9.70

Net Weight:

Tests: 5 Nem

• 2 ASD

Prelim: Heroin

Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Medway ANALYST WEm

No. of samples tested: Evidence Wt. ✓

PHYSICAL DESCRIPTION: Signed & Sealed

1 can bottom
w/light brown residue.
scraped for analysis.

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt:

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+) blue

Marquis + Purple

Froehde's + Purple

Mecke's + Green

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

GC ⊕ weak heroin
matches Std

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 06.02.11

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR ASD

DATE 06.08.11

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	ROUTINE	1	Sample	
2	Vial 2	HEROIN STD	ROUTINE	1	Sample	
3	Vial 3	BLANK	ROUTINE	1	Sample	
4	Vial 4		ROUTINE	1	Sample	
5	Vial 5	BLANK	ROUTINE	1	Sample	

Sequence Table (Back Injector):

No entries - empty table!

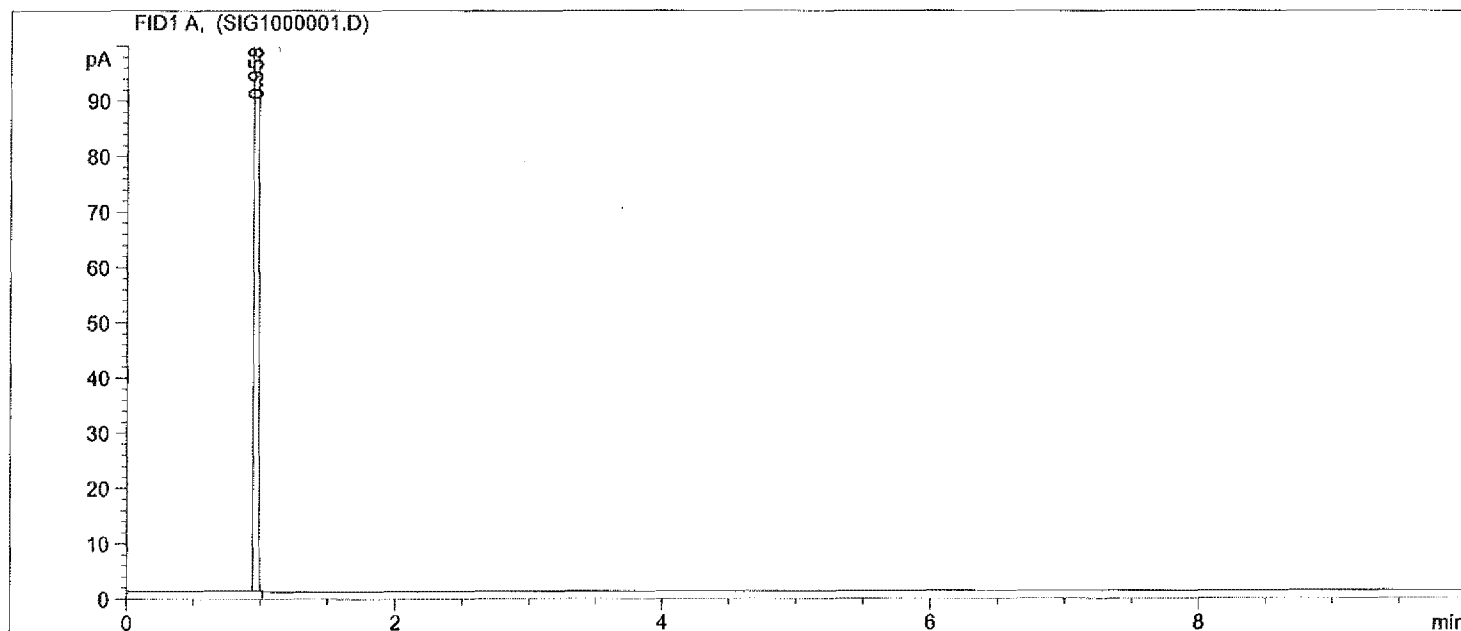
Sample Name: BLANK

```

=====
Acq. Operator   : ASD                      Seq. Line :    1
Acq. Instrument : DrugLab GC #1           Location  : Vial 1
Injection Date  : 6/6/2011 3:17:56 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 12/16/2010 11:45:09 AM by ASD
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.958	1	BB S	1.78696e4	1.64537e4	1.000e2

```
Totals :                1.78696e4  1.64537e4
```

```

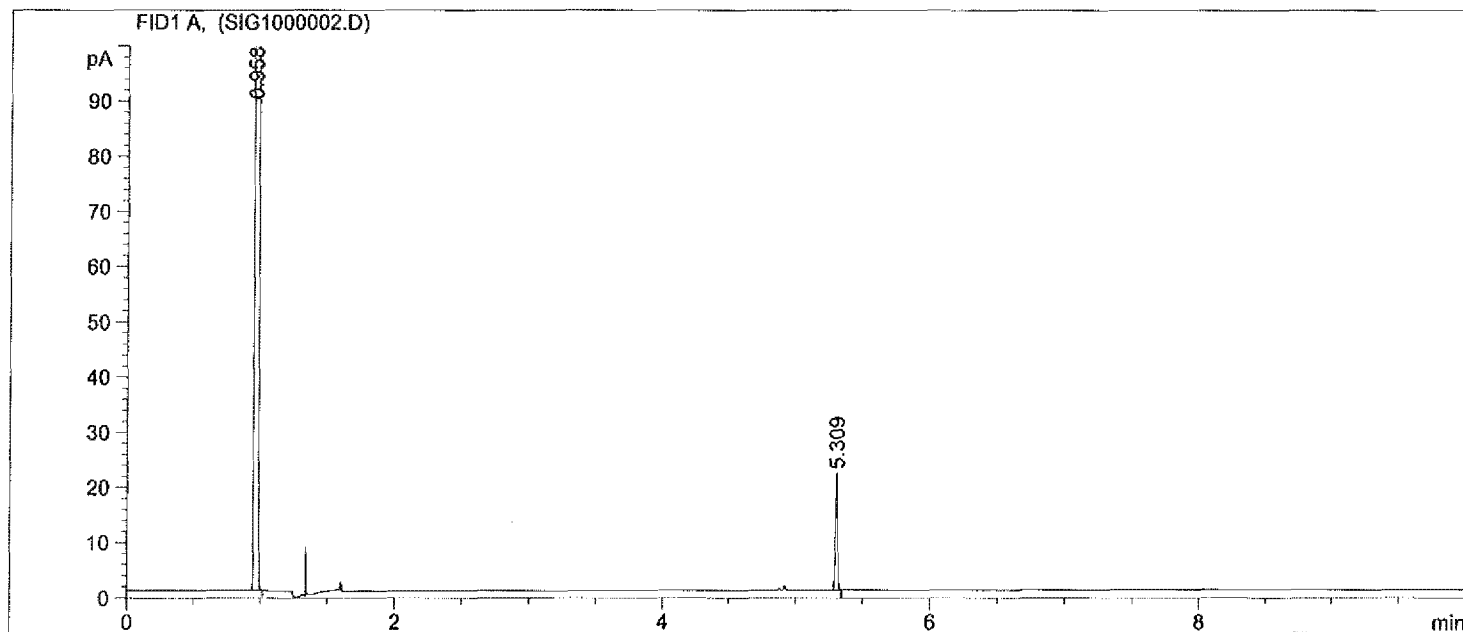
=====
*** End of Report ***
=====

```

Sample Name: HEROIN STD

```
=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #1           Location  : Vial 2
Injection Date  : 6/6/2011 3:31:05 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 12/16/2010 11:45:09 AM by ASD
=====
```



```
=====
                          Area Percent Report
=====
```

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.958	1	BB S	1.56769e4	1.49786e4	99.85402
2	5.309	1	BB	22.91796	20.89369	0.14598

Totals : 1.56998e4 1.49995e4

```
=====
*** End of Report ***
=====
```

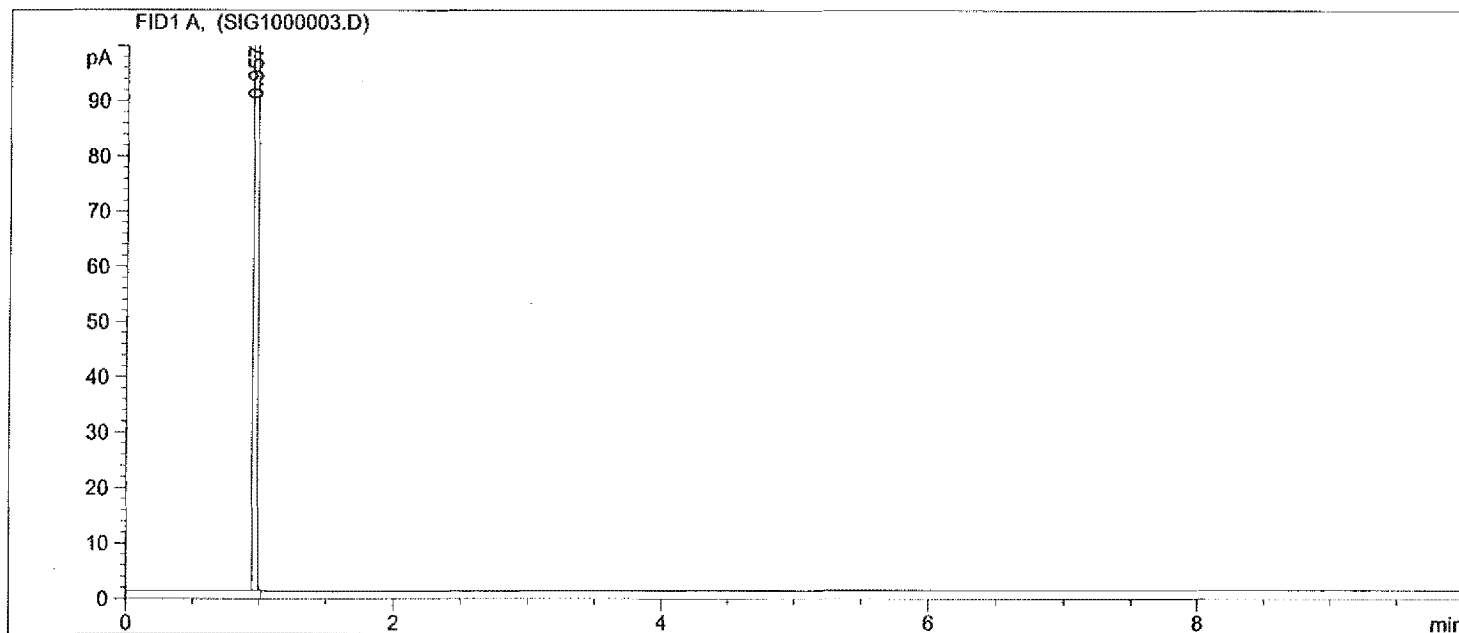
Sample Name: BLANK

```

=====
Acq. Operator   : ASD                      Seq. Line :    3
Acq. Instrument : DrugLab GC #1            Location  : Vial 3
Injection Date  : 6/6/2011 3:43:57 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 12/16/2010 11:45:09 AM by ASD
=====

```



```

=====
                        Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.957	1	BB S	1.61184e4	1.70691e4	1.000e2

```
Totals :                1.61184e4  1.70691e4
```

```

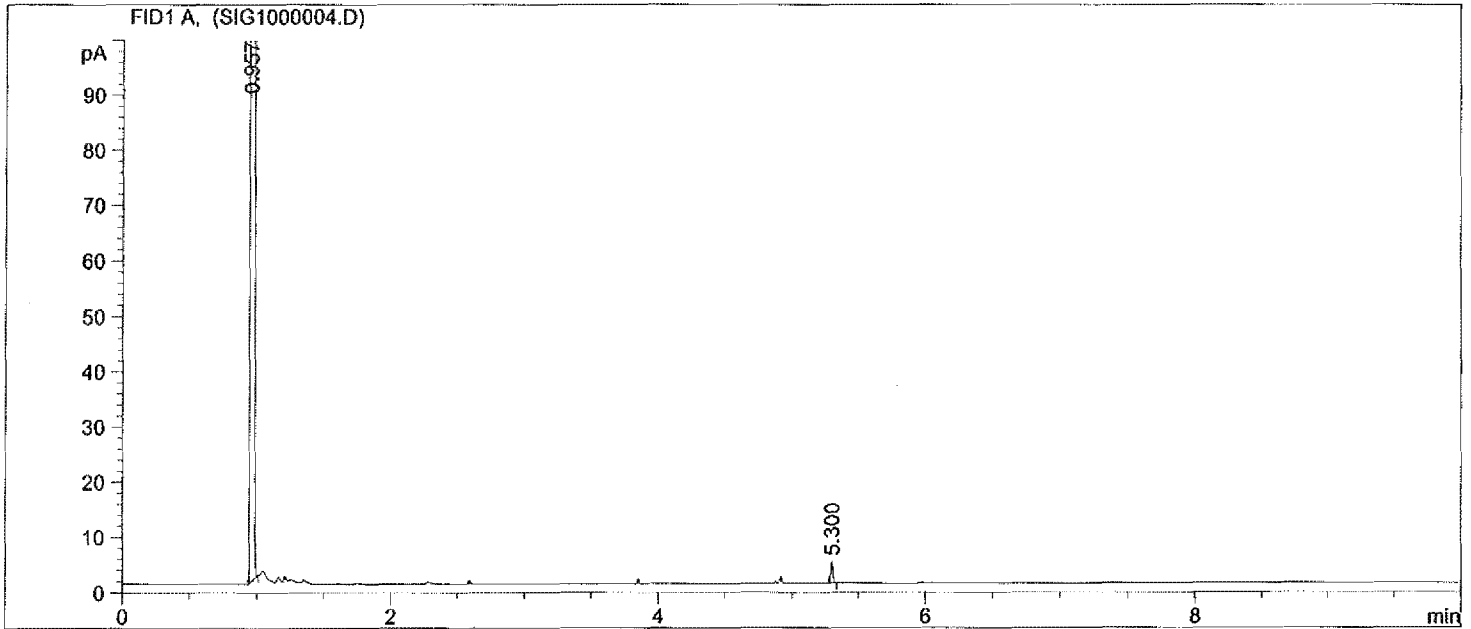
=====
                        *** End of Report ***
=====

```


Sample Name: XXXXXXXXXX

```
=====
Acq. Operator   : ASD                      Seq. Line :    4
Acq. Instrument : DrugLab GC #1            Location  : Vial 4
Injection Date  : 6/6/2011 3:57:09 PM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 12/16/2010 11:45:09 AM by ASD
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

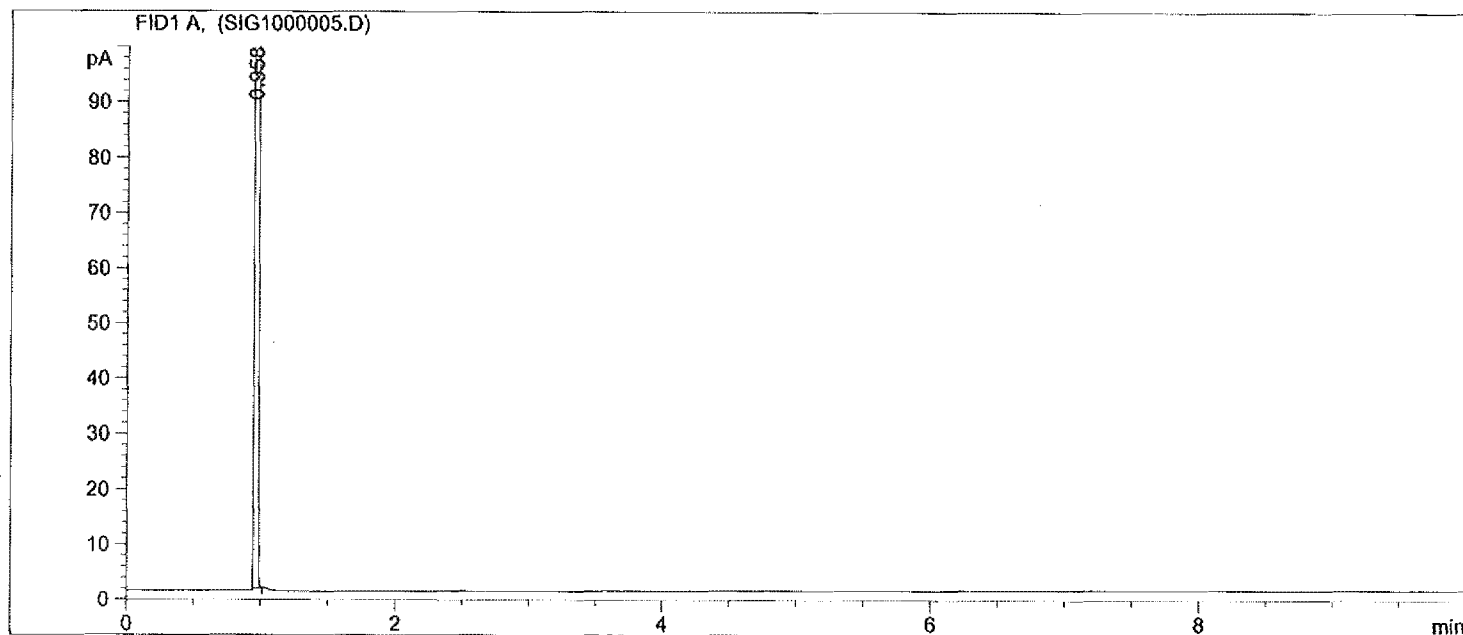
Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.957	1	BB S	1.52179e4	1.48829e4	99.97265
2	5.300	1	BB	4.16354	3.92088	0.02735

```
Totals :                1.52221e4  1.48868e4
```

```
=====
*** End of Report ***
=====
```

Sample Name: BLANK

```
=====
Acq. Operator   : ASD                      Seq. Line :    5
Acq. Instrument : DrugLab GC #1            Location  : Vial 5
Injection Date  : 6/6/2011 4:10:22 PM      Inj       :    1
                                           Inj Volume: 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 12/16/2010 11:45:09 AM by ASD
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.958	1	BB S	1.71570e4	1.69461e4	1.000e2

```
Totals :                1.71570e4  1.69461e4
```

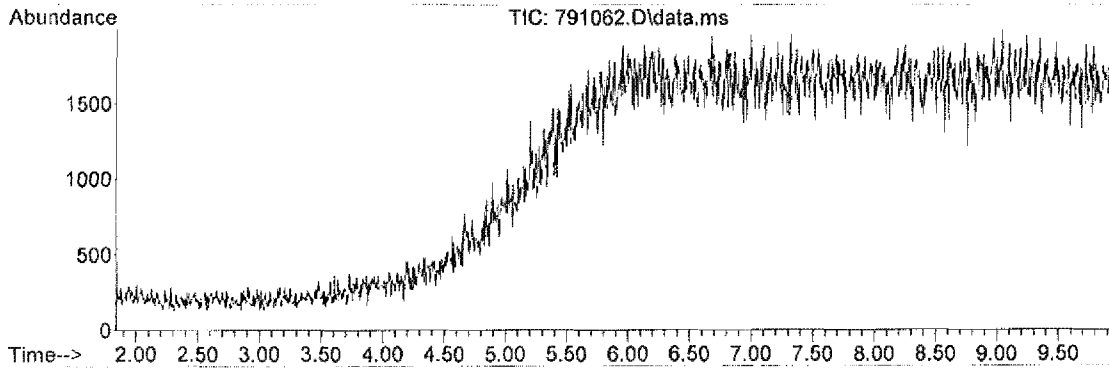
```
=====
*** End of Report ***
=====
```

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791062.D
Operator : ASD
Date Acquired : 8 Jun 2011 1:55
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

✓ ASD
01-31-2012



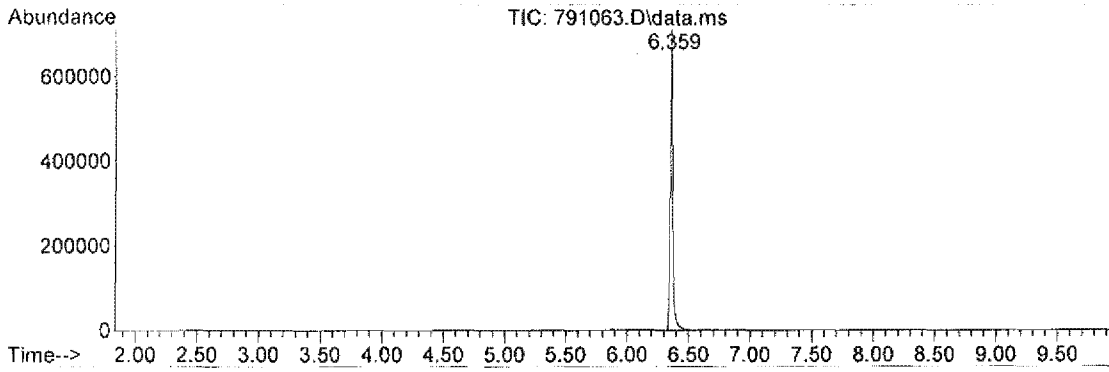
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791063.D
 Operator : ASD
 Date Acquired : 8 Jun 2011 2:07
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.359	1018361	100.00	100.00

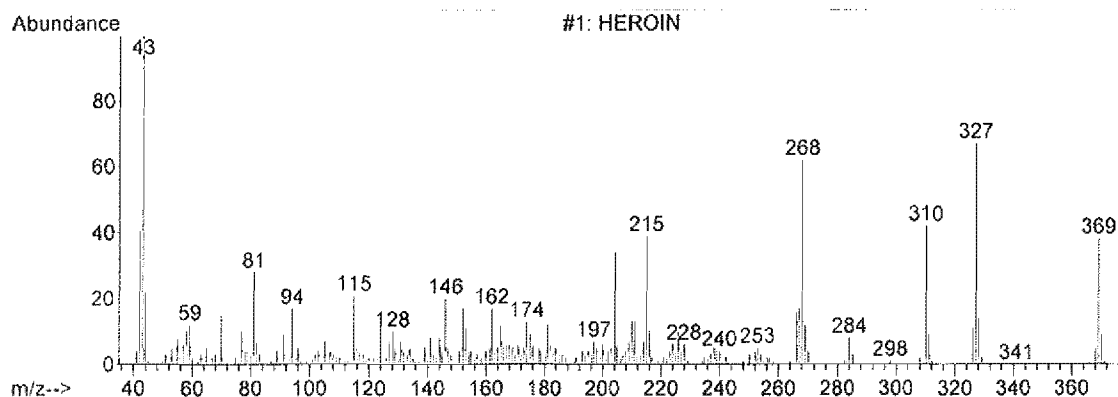
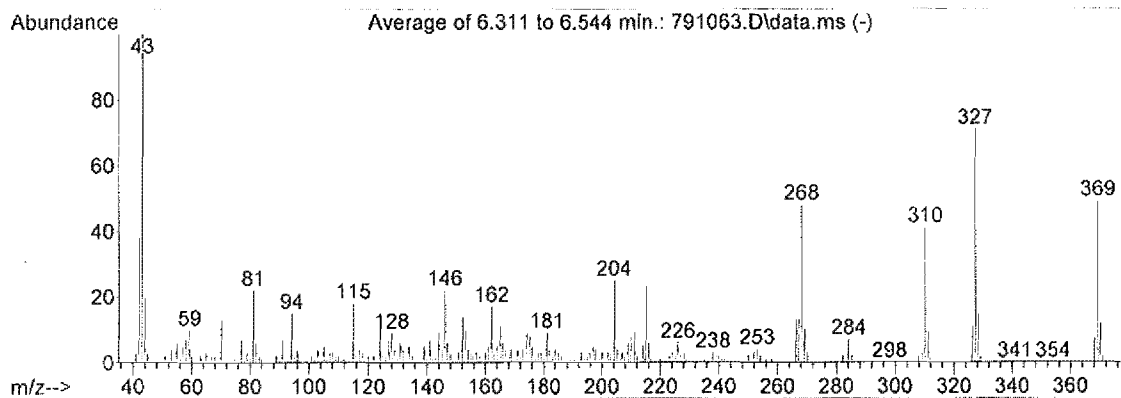
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791063.D
 Operator : ASD
 Date Acquired : 8 Jun 2011 2:07
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

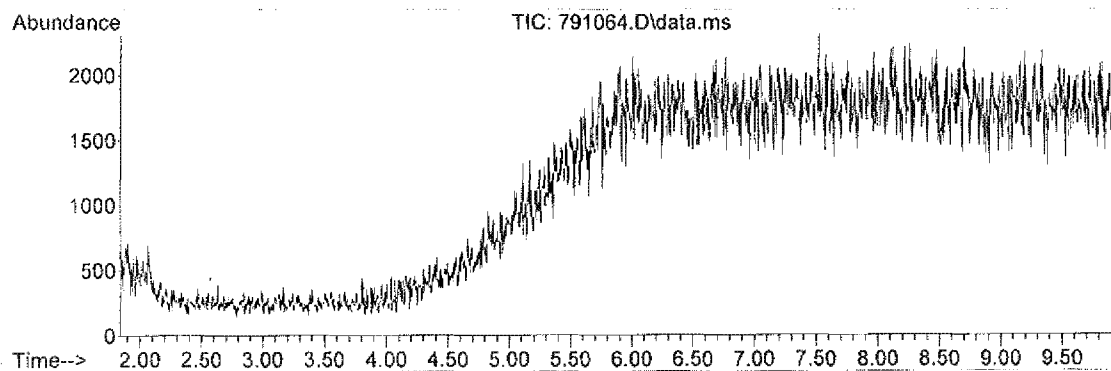
PK#	RT	Library/ID	CAS#	Qual
1	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791064.D
 Operator : ASD
 Date Acquired : 8 Jun 2011 11:04
 Sample Name : BLANK
 Submitted by : NEM
 Vial Number : 2
 AcquisitionMeth: WDRUGS.M
 Integrator : RTE



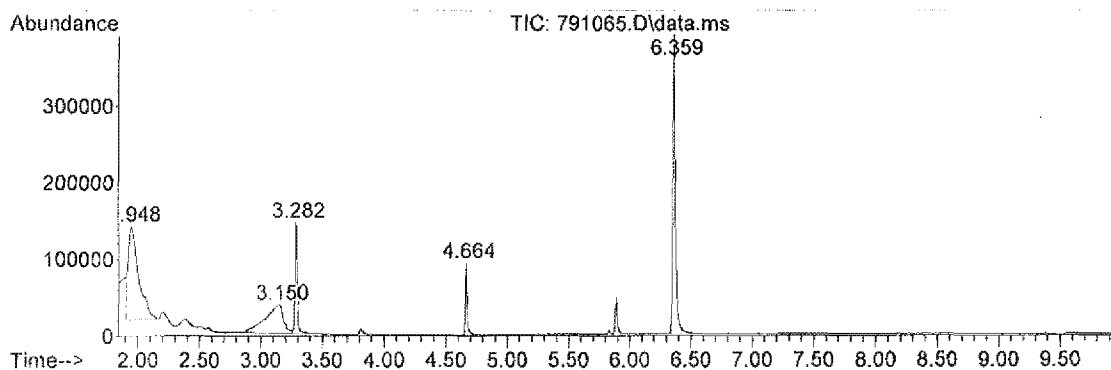
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791065.D
 Operator : ASD
 Date Acquired : 8 Jun 2011 11:16
 Sample Name : XXXXXXXXXX
 Submitted by : NEM
 Vial Number : 65
 AcquisitionMeth: WDRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.948	715150	36.10	100.00
3.150	378836	19.12	52.97
3.282	187477	9.46	26.22
4.664	101658	5.13	14.21
6.359	598036	30.19	83.62

Area Percent / Library Search Report

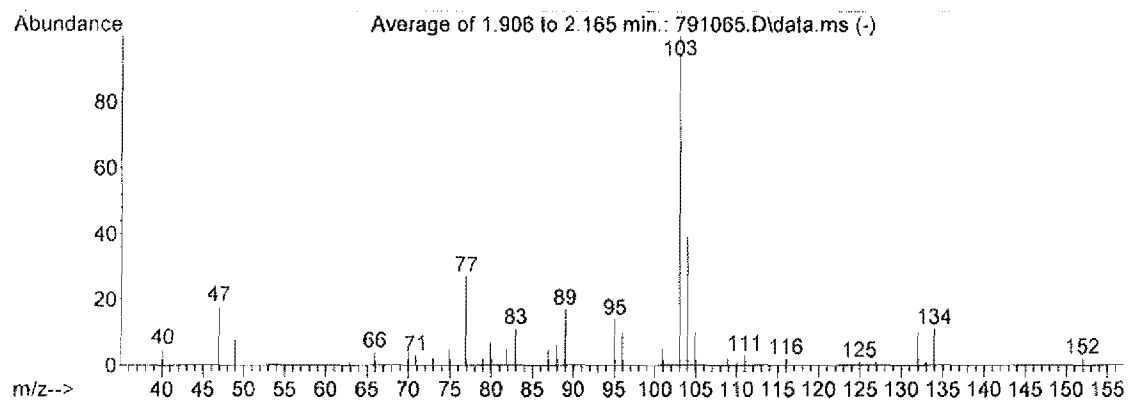
Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791065.D
Operator : ASD
Date Acquired : 8 Jun 2011 11:16
Sample Name : XXXXXXXXXX
Submitted by : NEM
Vial Number : 65
AcquisitionMeth: WDRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
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No Hits Found



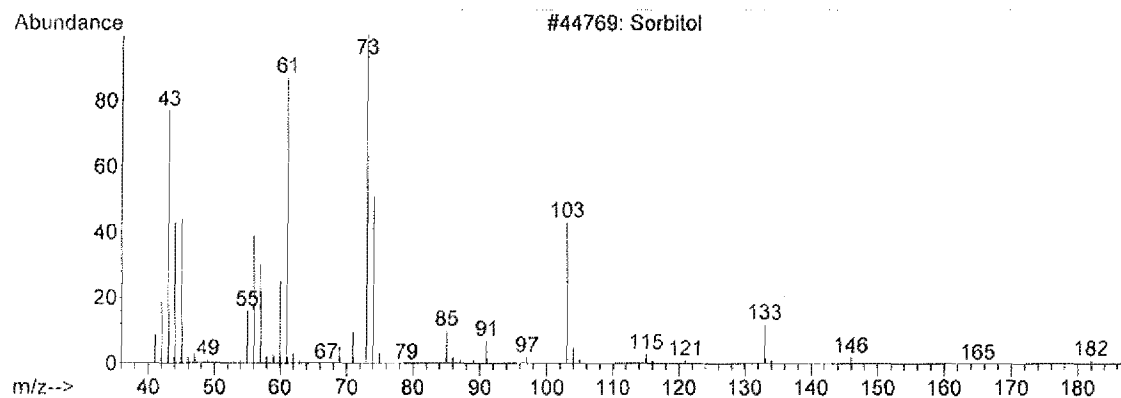
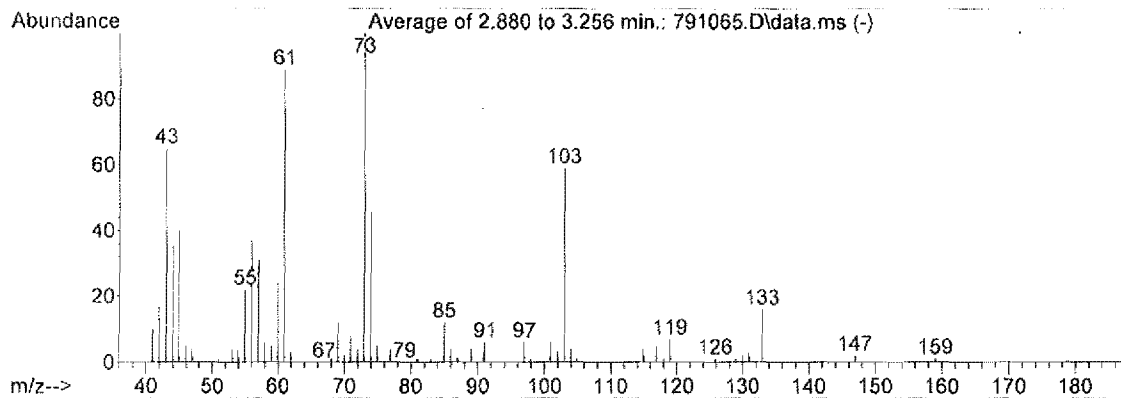
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791065.D
Operator : ASD
Date Acquired : 8 Jun 2011 11:16
Sample Name : XXXXXXXXXX
Submitted by : NEM
Vial Number : 65
AcquisitionMeth: WDRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.15	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	72
		Glucitol	026566-34-7	72

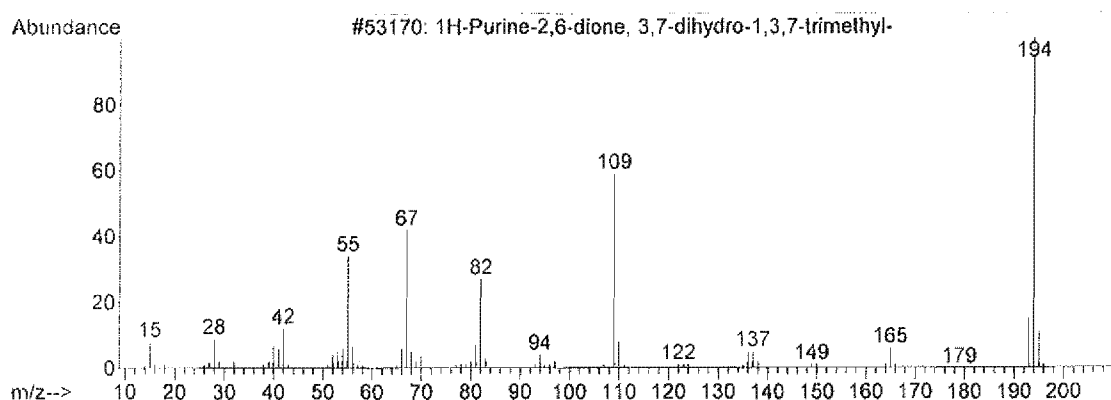
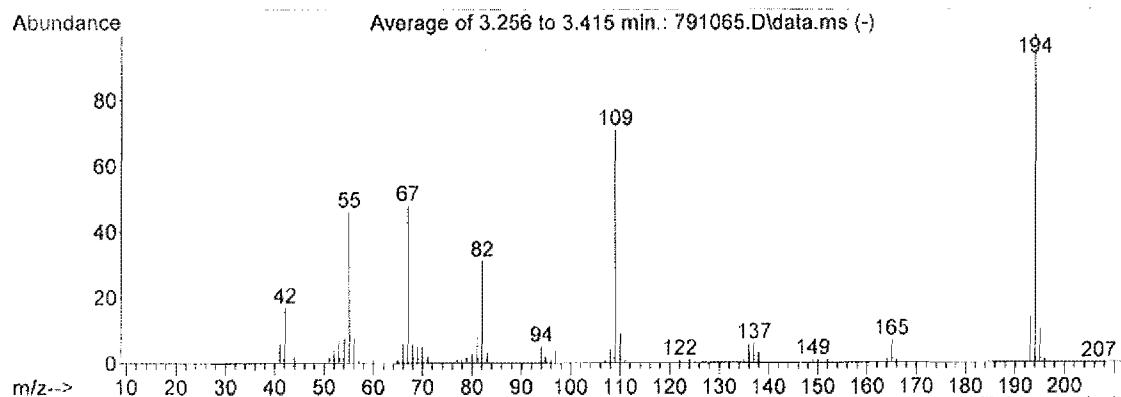


Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791065.D
Operator : ASD
Date Acquired : 8 Jun 2011 11:16
Sample Name : XXXXXXXXXX
Submitted by : NEM
Vial Number : 65
AcquisitionMeth: WDRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.28	C:\Database\NIST05a.L		
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	98
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	96
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	94

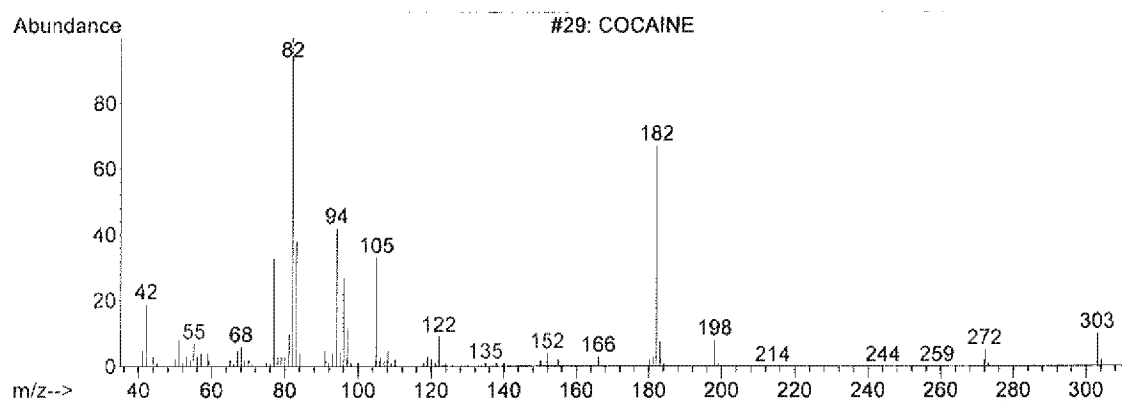
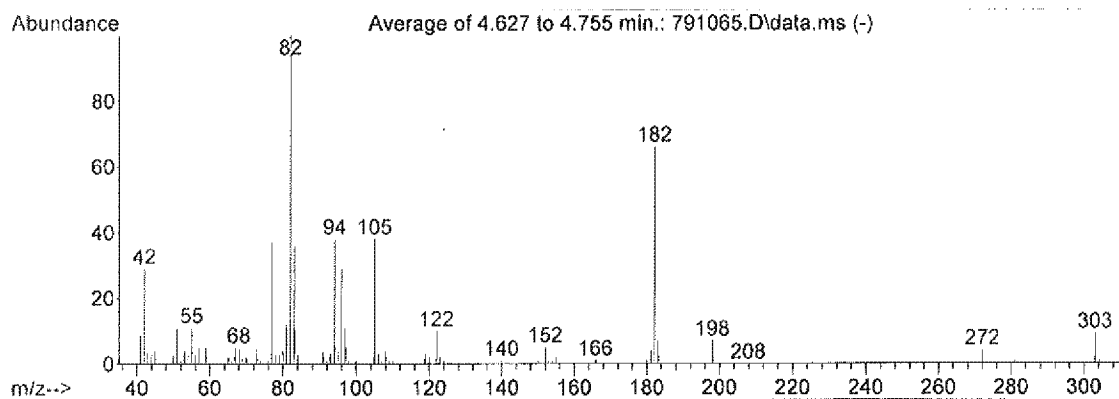


Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791065.D
Operator : ASD
Date Acquired : 8 Jun 2011 11:16
Sample Name : XXXXXXXXXX
Submitted by : NEM
Vial Number : 65
AcquisitionMeth: WDRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99

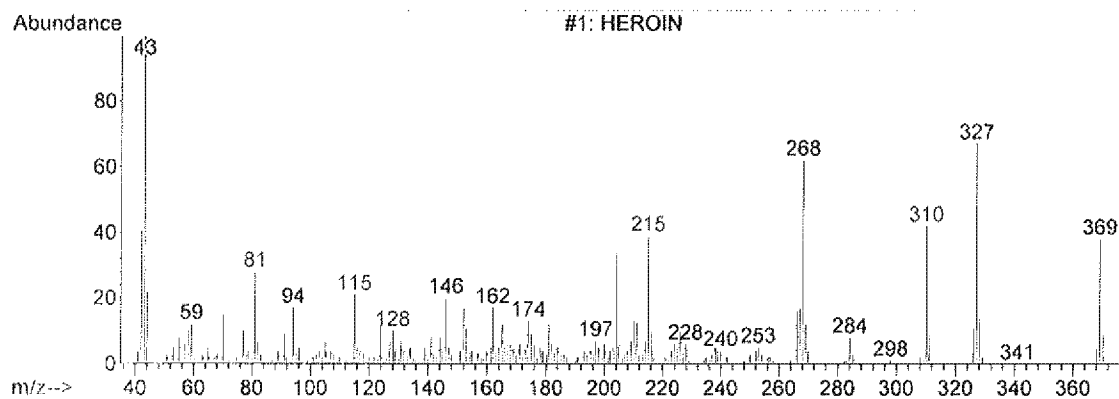
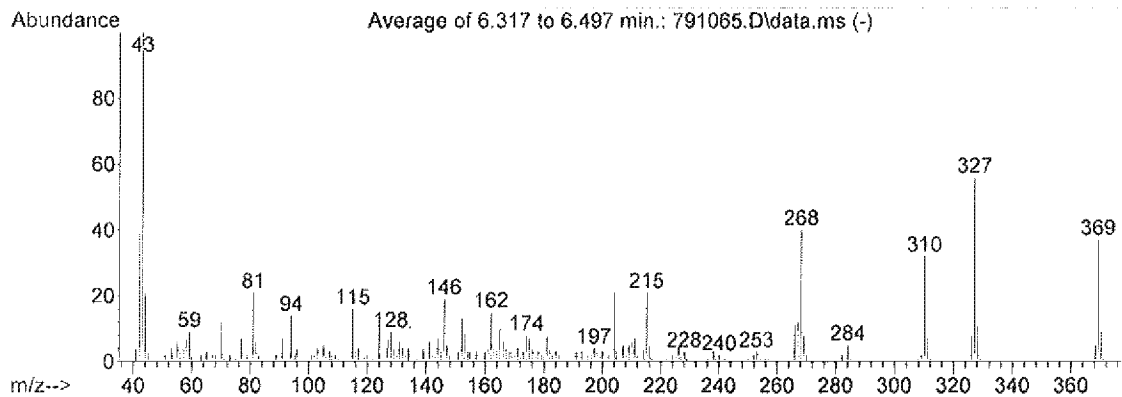


Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791065.D
Operator : ASD
Date Acquired : 8 Jun 2011 11:16
Sample Name : XXXXXXXXXX
Submitted by : NEM
Vial Number : 65
AcquisitionMeth: WDRUGS.M
Integrator : RTE

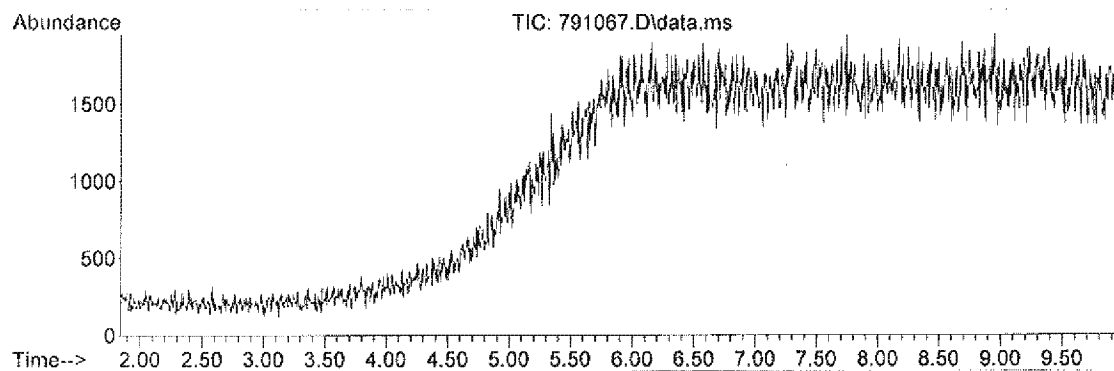
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791067.D
Operator : ASD
Date Acquired : 8 Jun 2011 11:42
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

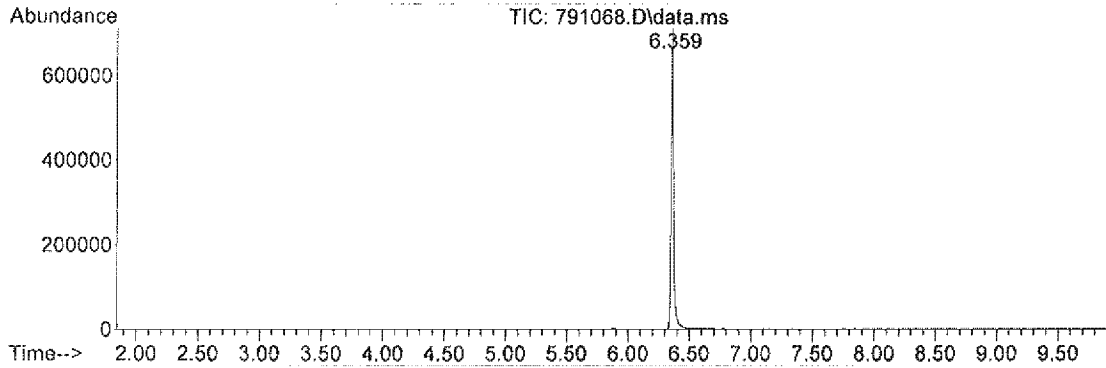


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791068.D
 Operator : ASD
 Date Acquired : 8 Jun 2011 11:54
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.359	982323	100.00	100.00

Information from Data File:

File Name : F:\Q2-2011\SYSTEM 7\06_07_11\791068.D
Operator : ASD
Date Acquired : 8 Jun 2011 11:54
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99

